

MERCK & CO INC  
Form 11-K  
June 28, 2005

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

**FORM 11-K**

**ANNUAL REPORT  
Pursuant to Section 15(d) of the  
Securities Exchange Act of 1934**

(Mark One)

**b ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2004

OR

**o TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number: 1-3305

Employer Identification Number: 22-1109110

Plan Number: 004

**MERCK & CO., INC. EMPLOYEE STOCK PURCHASE AND SAVINGS PLAN**

(Full title of the plan)

**MERCK & CO., INC.**

(Name of issuer of the securities held pursuant to the plan)

One Merck Drive  
P.O. Box 100  
Whitehouse Station, New Jersey 08889-0100

(Address of principal executive office)

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**Merck & Co., Inc.**  
**Employee Stock Purchase and Savings Plan**

**Employer Identification Number: 22-1109110**

**Plan Number: 004**

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\* Other schedules required by Section 2520.103-10 of the Department of Labor Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 are omitted because they are not applicable.

EX-23: CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

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**Report of Independent Registered Public Accounting Firm**

To the Participants and Administrator of  
Merck & Co., Inc. Employee Stock Purchase and Savings Plan

In our opinion, the accompanying statements of net assets available for benefits and the related statements of changes in net assets available for benefits present fairly, in all material respects, the net assets available for benefits of Merck & Co., Inc. Employee Stock Purchase and Savings Plan (the Plan) at December 31, 2004 and 2003, and the changes in net assets available for benefits for the year ended December 31, 2004 in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental Schedule of Assets (Held at Year End) as of December 31, 2004, is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

/s/ PricewaterhouseCoopers LLP

Florham Park, New Jersey  
June 23, 2005

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**Merck & Co., Inc.  
Employee Stock Purchase and Savings Plan**

**Statements of Net Assets Available for Benefits**

	<b>December 31,</b>	
	<b>2004</b>	<b>2003</b>
<b>Assets</b>		
Investment in the Master Trust	\$ 257,802,697	\$ 294,884,750
Participant loans at cost	10,947,627	10,826,823
 Total investments	 268,750,324	 305,711,573
<b>Receivables</b>		
Employer contribution	153,635	152,776
Participant contributions	444,713	471,559
Accrued interest and dividends	1,988,472	1,440,525
 Total receivables	 2,586,820	 2,064,860
 Net assets available for benefits	 \$ 271,337,144	 \$ 307,776,433

The accompanying notes are an integral part of these financial statements.

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**Merck & Co., Inc.  
Employee Stock Purchase and Savings Plan**

**Statement of Changes in Net Assets Available for Benefits**

	<b>Year Ended December 31, 2004</b>
<b>Additions to net assets attributed to</b>	
Investment loss from the Master Trust	
Net depreciation in fair value of investments	\$ (40,296,594)
Interest and dividends	9,495,052
 Net investment loss	 (30,801,542)
 Contributions to the Plan	
By participants	22,295,721
By employer	7,366,064
 Total contributions	 29,661,785
 Transfers in	 153,907
 Total additions	 (985,850)
 <b>Deductions from net assets attributed to</b>	
Benefits paid to participants	(34,817,185)
Transfers out	(636,254)
 Total deductions	 (35,453,439)
 Net decrease	 (36,439,289)
 <b>Net assets available for benefits</b>	
Beginning of year	307,776,433
 End of year	 \$ 271,337,144

The accompanying notes are an integral part of these financial statements.

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**Merck & Co., Inc.  
Employee Stock Purchase and Savings Plan**

**Notes to Financial Statements**

**1. Description of Plan**

The following description of the Merck & Co., Inc. Employee Stock Purchase and Savings Plan (the *Plan*) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

**General**

The Plan was designed to provide an easy, economical way for employees to become stockholders of Merck & Co., Inc. (the *Company* or *Merck*) as well as a systematic means of saving and investing for the future. Generally, any regular full-time, part-time, or temporary employee of the Company who is a U.S. resident covered by a collective bargaining agreement providing for participation in this Plan as defined by the Plan document, are eligible to participate in the Plan on or after the first day of the third month following commencement of employment.

The Plan is administered by a management committee appointed by the Company's Chief Executive Officer or Compensation and Benefits Committee of its Board of Directors.

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (*ERISA*).

**Master Trust**

The assets of the Plan are maintained, for investment purposes only, on a commingled basis with the assets of the Merck & Co., Inc. Employee Savings & Security Plan in the Merck & Co., Inc. Employee Savings & Security Plan and the Merck & Co., Inc. Employee Stock Purchase & Savings Plan Trust (the *Master Trust*). The plans do not own specific Master Trust assets but rather maintain individual beneficial interests in such assets. The portion of fund assets allocable to each plan is based upon the participants' account balance within each plan. Investment income for each fund is allocated to each plan based on the relationship of each plan's beneficial interest in the fund to the total beneficial interest of all plans in the fund.

**Contributions**

Depending on the terms of the applicable collective bargaining agreements, employees earning less than \$90,000 are allowed to contribute a maximum of 18% or 25% of base pay. Employees earning \$90,000 or more are limited to maximum contributions of 15% of base pay. However, pre-tax contributions shall not exceed the 2004 IRS limit of \$13,000. In addition, the Company will match 60% or 65% of employee contributions up to 6% of base pay per pay period as negotiated with each bargaining group. Company matching contributions are invested according to the following age parameters:

*Under age 50* 50% of Company matching contributions are invested in the Merck Common Stock Fund (non-participant directed) and 50% are invested in the funds to which the participant is currently contributing (participant directed). Since January 2005, all participants have had the option to invest all Company matching



contributions in any of the available fund options (participant directed), except the Medco Health Common Stock Fund.

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**Merck & Co., Inc.  
Employee Stock Purchase and Savings Plan**

**Notes to Financial Statements**

*Age 50 and above* Participants have the option to invest all Company matching contributions in any of the available fund options (participant directed), except the Medco Health Common Stock Fund. Also, the Economic Growth and Tax Relief Reconciliation Act of 2001 permits catch-up contributions that are designed to provide individuals age 50 and above with an additional pre-tax retirement savings opportunity. As such, eligible participants in the Plan could contribute an additional \$3,000 for 2004.

Participants direct the investment of their contributions into any mutual fund investment option available under the Plan as well as Merck Common Stock (participant directed). During 2004, the Plan offered 17 mutual funds, the Medco Health Common Stock Fund and the Merck Common Stock Fund.

**Participant Accounts**

Each participant's account is credited with the participant's contribution, the Company's matching contribution and allocation of Plan earnings. The allocation is based on participants' account balances, as defined in the Plan document.

**Vesting**

Participants are immediately vested in their contributions, all Company matching contributions, plus actual earnings thereon.

**Participant Loans**

Participants may borrow from their account balances with interest charged at the prime rate plus 1%. Loan terms range from one to five years for a short term loan or up to thirty years for the purchase of a primary residence. The minimum loan is \$500 and the maximum loan is the lesser of \$50,000 less the highest outstanding loan balance(s) during the one year period prior to the new loan application date, or 50% of the participant's account balance less any current outstanding loan balance and defaulted loan amounts.

**Payment of Benefits**

In-service (which include hardship withdrawals) and termination distributions are made throughout the year in accordance with applicable Plan provisions.

**2. Summary of Accounting Policies**

**Basis of Accounting**

The accompanying financial statements are prepared on the accrual basis of accounting.

**Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United

States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Management believes that these estimates are adequate. Actual results could differ from those estimates.

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**Merck & Co., Inc.  
Employee Stock Purchase and Savings Plan**

**Notes to Financial Statements**

**Investment Valuation and Income Recognition**

Valuation of investments of the Plan represents the Plan's allocable portion of the Master Trust. Quoted market prices are used to value investments. Participant loans are valued at their outstanding balances, which approximates fair value. Purchases and sales of securities are recorded on a trade-date basis. Dividend income is recorded on the ex-dividend date.

**Contributions**

Employee and Company matching contributions are recorded in the period in which the Company makes the payroll deductions from the participants' earnings.

**Payment of Benefits**

Benefits are recorded when paid.

**Expenses**

The Plan's administrative expenses are paid by the Company.

**Risks and Uncertainties**

The Plan provides for various investment options in investment securities. Investment securities, in general, are exposed to various risks, such as interest rate, credit and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits and the statement of changes in net assets available for benefits.

**Reclassification**

Certain reclassifications have been made to prior year amounts to conform with current year presentation.

**3. Investments**

The following presents investments that represent 5% or more of the Plan's net assets as of year-end.

	<b>2004</b>		<b>2003</b>	
Merck Common Stock	\$ 111,170,981*	\$	177,294,701	*
Fidelity Retirement				
Money Market Fund	18,965,575		18,767,481	
T. Rowe Price Blue Chip				
Growth Fund	16,659,985		15,515,205	

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Fidelity Low-Priced Stock Fund	14,337,499	8,893,222
Medco Health Common Stock	12,935,589	14,051,788
	\$ 174,069,629	\$ 234,522,397

\* Includes non-participant directed portion

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**Table of Contents****Merck & Co., Inc.****Employee Stock Purchase and Savings Plan****Notes to Financial Statements****4. Non-participant-Directed Investments**

The non-participant-directed portion of the Company match is invested in the Merck Common Stock Fund. Information about the net assets and the significant components of the changes in net assets relating to the Merck Common Stock Fund is as follows:

	<b>December 31,</b>	
	<b>2004</b>	<b>2003</b>
Net assets		
Investment in the Master Trust	\$ 111,493,407	\$ 177,678,728
		<b>Year Ended December 31, 2004</b>
Additions to net assets		
Investment loss from the Master Trust		
Net depreciation in fair value of investments		\$ (51,725,953)
Interest and dividends		5,466,835
Net investment loss		(46,259,118)
Contributions		
By participants		10,310,830
By employer		5,053,980
Total contributions		15,364,810
Transfers in		12,275,435
Participant loan repayments		2,874,469
Total additions		(15,744,404)
Deductions from net assets		
Benefits paid		(17,118,753)
Transfers out		(30,677,844)
Participant loan issuance		(2,644,320)

Total deductions	(50,440,917)
Net decrease	\$ (66,185,321)

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**Merck & Co., Inc.  
Employee Stock Purchase and Savings Plan**

**Notes to Financial Statements**

**5. Related-Party Transactions**

Certain Plan investments are shares of mutual funds managed by Fidelity Management Trust Company ( Fidelity ). Fidelity is the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. As of December 31, 2004, the total market value of investments in the mutual funds managed by Fidelity was \$67,561,489.

Merck & Co., Inc. also is a party-in-interest to the Plan under the definition provided in Section 3(14) of ERISA. Therefore, Merck Common Stock Fund transactions qualify as party-in-interest transactions. As of December 31, 2004, the market value of investments in the Merck Common Stock Fund was \$111,170,981.

**6. Plan Termination**

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA.

**7. Tax Status**

The Plan obtained a tax determination letter from the Internal Revenue Service dated August 20, 2003 indicating that it had been designed in accordance with applicable sections of the Internal Revenue Code ( IRC ). However, the Plan has been amended since the receipt of the determination letter. The Plan sponsor and legal counsel believe that the Plan is designed and currently operated in compliance with the IRC. Therefore, no provision for income taxes has been made.

**8. Other Matters**

Transfers in during 2004 of \$ 153,907 consist of transfers between the Plan and the Merck & Co., Inc. Employee Savings & Security Plan for employees who changed their status during the year.

Transfers out consist of transfers of \$ 636,254 for employees who transferred out to the Merck & Co., Inc. Employee Savings and Security Plan.

As a result of the Medco Health Solutions spin-off in 2003, the Plan's participants who were invested in the Merck Common Stock Fund on the distribution date received a pro rata distribution of 0.1206 unit of the Medco Health Common Stock Fund for each unit of the Merck Common Stock Fund. The Medco Health Common Stock Fund will expire approximately two years from the distribution date. Participants have the option to transfer investments out of the Medco Health Common Stock Fund at any time prior to the expiration date. However, neither future contributions nor existing balances in other investment options can be invested in the Fund. Any remaining balances in this Fund will be transferred automatically to a money market or similar investment fund.



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Employee Stock Purchase and Savings Plan****Notes to Financial Statements****9. Master Trust**

The Plan had an approximate 9% and 10% interest in the Master Trust at December 31, 2004 and December 31, 2003, respectively. The net assets of the Master Trust are as follows:

	<b>December 31,</b>	
	<b>2004</b>	<b>2003</b>
Mutual Funds	\$ 2,112,750,898	\$ 1,783,503,317
Medco Health Common Stock	96,112,365	96,729,732
Merck Common Stock	779,135,638	1,197,321,319
Accrued interest and dividends	9,793,187	9,629,922
	<b>\$ 2,997,792,088</b>	<b>\$ 3,087,184,290</b>

Total investment income of the Master Trust for the year ended December 31, 2004 is as follows:

Investment income, net	
Interest and dividends	\$ 82,841,755
Net appreciation in mutual funds	158,628,992
Net appreciation in Medco Health Common Stock	17,755,390
Net depreciation in Merck Common Stock	(354,445,927)
 Total investment income	 (95,219,790)

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**Merck & Co., Inc.  
Employee Stock Purchase and Savings Plan**

**Schedule H**

**Line 4i Schedule of Assets (Held at End of Year)  
December 31, 2004**

**EIN: 22-1109110  
Plan No.: 004**

(a) (b) Identity of Issuer, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
* Participant Loans	Interest rates ranging from 5% to 12.5% and with maturities through 2034		\$ 10,947,627
	Total		\$ 10,947,627

\* Denotes a party-in-interest to the Plan.

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**SIGNATURE**

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the undersigned plan administrator has duly caused this annual report to be signed on behalf of the Merck & Co., Inc. Employee Stock Purchase and Savings Plan by the undersigned hereunto duly authorized.

Merck & Co., Inc. Employee Stock Purchase and  
Savings Plan

By: /s/ Caroline Dorsa  
Caroline Dorsa  
Vice President and Treasurer

June 27, 2005

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**EXHIBIT INDEX**

Exhibit Number	Document	Page
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